2. Reference Information

2-1 Tables of Abbreviations and Acronyms

Table 2-1 Abbreviations

A	Ampere	MV	Megavolt
Ah	Ampere-hour	MW	Megawatt
Å	Angstrom	MΩ	Megohm
dB	Decibel	m	Meter
dBm	Decibel Referenced to One Milliwatt	µA	Microampere
		µF	Microfarad
°C	Degree Celsius	µH	Microhenry
°F	Degree Fahrenheit	µm	Micrometer
°K	degree Kelvin	µs	Microsecond
F	Farad	µW	Microwatt
G	Gauss	mA	Milliampere
GHz	Gigahertz	mg	Milligram
g	Gram	mH	Millihenry
H	Henry	ml	Milliliter
Hz	Hertz	mm	Millimeter
h	Hour	ms	Millisecond
ips	Inches Per Second	mV	Millivolt
kWh	Kilowatt-hour	nF	Nanofarad
kg	Kilogram	Ω	Ohm
kHz	Kilohertz	pF	Picofarad
kΩ	Kilohm	lb	Pound
km	Kilometer	rpm	Revolutions Per Minute
km/h	Kilometer Per Hour	rps	Revolutions Per Second
kV	Kilovolt	s	Second (Time)
kVA	Kilovolt-ampere	V	Volt
kW	Kilowatt	VA	Volt-ampere
l	Liter	W	Watt
MHz	Megahertz	Wh	Watt-hour

Table 2-2 Table of Acronyms

ABL	Automatic Brightness Limiter
AC	Alternating Current
ACC	Automatic Chroma Control
AF	Audio Frequency
AFC	Automatic Frequency Control
AFT	Automatic Fine Tuning
AGC	Automatic Gain Control
AM	Amplitude Modulation
ANSI	American National Standards Institute
APC	Automatic Phase Control
APC	Automatic Picture Control
A/V	Audio-Video
AVC	Automatic Volume Control
BAL	Balance
BPF	Bandpass Filter
B-Y	Blue-Y
CATV	Community Antenna Television (Cable TV)
CB	Citizens Band
CCD	Charge Coupled Device
CCTV	Closed Circuit Television
Ch	Channel
CRT	Cathode Ray Tube
CW	Continuous Wave
DC	Direct Current
DVM	Digital Volt Meter
EIA	Electronics Industries Association
ESD	Electrostatic Discharge
ESD	Electrostatically Sensitive Device
FBP	Feedback Pulse
FBT	Flyback Transformer
FF	Flip-Flop
FM	Frequency Modulation
FS	Fail Safe
GND	Ground
G-Y	Green-Y
H	High
HF	High-Frequency
HI-FI	High Fidelity
IC	Inductance-Capacitance
IC	Integrated Circuit
IF	Intermediate Frequency
I/O	Input/output
L	Left
L	Low
LED	Light Emitting Diode
LF	Low Frequency
MOSFET	Metal-Oxide-Semiconductor-Field-Effect-Tr
MTS	Multi-channel Television Sound
NAB	National Association of Broadcasters
NEC	National Electric Code
NTSC	National Television Systems Committee
OSD	On Screen Display
PCB	Printed Circuit Board
PLL	Phase-Locked Loop
PWM	Pulse Width Modulation
QIF	Quadrature Intermediate Frequency
R	Right
RC	Resistor & Capacitor
RF	Radio Frequency
R-Y	Red-Y
SAP	Second Audio Program
SAW	Surface Acoustic Wave(Filter)
SIF	Sound Intermediate Frequency
SMPS	Switching Mode Power Supply
S/N	Signal/Noise
SW	Switch
TP	Test Point
TTL	Transistor Transistor Logic
TV	Television
UHF	Ultra High Frequency
UL	Underwriters Laboratories
UV	Ultraviolet
VCD	Variable-Capacitance Diode
VCO	Voltage Controlled Oscillator
VCXO	Voltage Controlled Crystal Oscillator
VHF	Very High Frequency
VIF	Video Intermediate Frequency
VR	Variable Resistor
VTR	Video Tape Recorder
VTVM	Vacuum Tube Voltmeter
TR	Transistor

2-2 IC Line Up

Table 2 - 3 IC Line - Up

NO	BOARD	LOC. NO	PART NUMBER	IN NAME	DESCRIPTION
1	MAIN	IC901	A09-00041A	SDA555X-OTP	IC-MCU
		HIC401	AA13-AAA94A	DDRI001A	IC HYBRID
		TU02S	A40-00084A	TCPS300PC16B(S)	TUNER-F/S
		IC06	1203-002000	DETECTOR;7027	IC-VOL
		IC805	1203-001006	78R05	IC-VOLTAGE REGULATOR
		HC401	0502-001230	FJL6920YDTU	TR-POWER
		D801S	0402-001399	GSIB660	DIODE-BREDGE
		HC801	1230-001006	78R05	IC-VOLTAGE REGULATOR
		IC602	1201-001385	7269A	IC-POWER AMP
		IC801S	1203-002512	KA5Q1565RF	IC-PWM CONTROLLER
		IC301	1204-000517	LA7845	IC-VERTICAL DEF
		IC902	1103-001177	24WC16	IC-EEPROM
		IC401	1202-000103	393, DIP, 8P	IC-VOLTAGE COMP
		IC803	1203-001225	78R09	IC-POSLFIXED REG
		IC601	1204-001971	MSP3411G-B11	IC-SOUND PROCESSOR
		TU01S	AA40-00083A	TCLS3101PD16A(S)	TUNER-F/S
		IC402	1203-000243	7812A	IC-POSLFIXED REG
		IC804	1203-001217	431	IC-POSLADJUST REG
		IC904	1203-001943	7025	IC-VOL DETECTOR
		IC202	1203-001944	78RM33	IC-POSLFIXED REG
		Q402	0505-001116	BUZ73A	FET-SILICON
		IC903	1203-001944	78RM33	IC-POSLFIXED REG
2	F-BOX	IC06	1203-002000	7027	IC-VOL DETECTOR
		IC11	0801-000662	74HC123	IC-CMOS LIGIC
		IC03	1001-001082	BA7657F	IC-VIDEO SWITCH
		IC10	1001-001177	TEA6425D	IC-VIDEO SWITCH
		IC05	203-002186	18, DPAK	IC-POSLFIXED REG
		IC02	1204-001814	CXA2151Q	IC-SELECTOR
		IC01	1204-001938	VSP9407B-B11	IC-ECODER
		IC04	1204-001989	CXA2165Q	IC-VIDEO PROCESS

Table 2 - 3 IC Line - Up

NO	BOARD	LOC. NO	PART NAME	IC NAME	DESCRIPTION
3	CRT	QF10	0502-000153	SC2344-D	TR-POWER
		QF09	0502-000131	2SA1011-D	TR-POWER
		IC501	1201-001131	6111Q	IC-VIDEO AMP
		IC502	1201-001131	6111Q	IC-VIDEO AMP
		IC503	1201-001131	6111Q	IC-VIDEO AMP
		IC504	1201-000010	2030	IC-OP AMP
4	MICOM 200PAGE -TTX (Europe)	ICM02	1102-001133	M27W201	IC-EPROM
		ICM04	1203-001943	7025	IC-VOL, DETECTOR
		ICM04	1106-001367	K6R4008CIC	IC-SRAM
		ICM01	1204-001912	SDA555OM	IC-DECODER